VANCI, Gh. A., prof., ing.

Prof. dr. I. N. Plaksin, prominent figure in the field of preparing useful mineral substances, and of hydrometallurgy. Rev min 12 no.12: 565 D '61.

(Plaksin, Igor' Nikolayevich) (Hydrometallurgy)

VANCI, Gheorghe A., prof. ing.

Stage and importance of the mechanical and thermal dressing as well as the direct reduction of iron ores for the development of Rumanian siderurgical industry. Metalurgia constr mas 14 no.11:961-976 N '62.

1. Institutul politehnic, Bucuresti.

VANCI, Gheorghe, prof. ing.

Technical and economic aspects of the importance of the iron ore preparation in the pig iron elaboration process. Metalurgia constr mas 14 no.8:673-682 Ag '62.

1. Institutul Politehnic, Bucuresti.

VANCI, Gh.

Rumanian and Soviet Russia Scientific Conference on the physical cehmistry of melted electrolytes. Studii cerc metalurgie 8 no.1: 91-92 '63.

VANCI, V.

Medical evaluation of work capacity in rheumatic diseases. Rev. st.med., med. int., Bucur. 6 no.4:116-121 Oct-Dec 54.

1. Institutul de cercetari stiintifice pentru expertiza capacitatii de munca si protejare din Ministerul Prevederilor Sociale

(RHEUMATISM
in workers, med. evaluation of work capacity, methods)
(WORK
capacity, in rheum. dis., methods of evaluation)
(WORKMENS COMPENSATION AND INSURANCE
in rheum. dis., expert evaluation of work capacity)

VANCIK, F.

GEOGRAPHY & GEOLOGY

Periodical: CESKY LID. Vol. 42, no. 5, 1955.

VANCIK, F. Creation of a home in a resettled village along the borderland. p. 193

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

VANCIK, F.

"Notes on domestic lace making along the former borderland of the Czech and German settlements in the area of Domazlice and Horsuv Tynec."

p. 25 (Cesky Lid., Vol. 43, No. 1, 1956, Prague, Czechoslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec 58

VANCIK, F.

"An interesting document on Czech-Russian relations in the field of ethnology."

p. 112 (Cesky Lid, Vol. 45, no. 3, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9, September 1958

VANCHIKOV, A.N.; PLETNIKOVA, K.N.

Processing of cotton blends with synthetic staple fibers. Nauch.-issl.trudy TSNIIKHBI '60 [publ. '62]:101-153.

(MIRA 18:2)

CZECHOSLOVAKIA / Farm Animals. Swine Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21484

Author : Vancikova Ruzena J.
Inst :
Title : Interrelation Between the Number of Pigs in a Litter and Differences of Weight of the Pigs Farrowed, at Birth and at Weaning Time (Svyaz' velichiny pometa s raznitsey v vese porosyat pometa pri rozhdenii i posle ot"yema).

Orig Pub: Pol'nohospodarstvo, 1957, 4, No 1, 97-134

Abstract: On the ground of mathematical computation of the results of weighing (individual pigs and litters) 10,816 newborn pigs from 1,101 litters and 7,085 pigs aged 56 days from 967 litters, the mechanism of the changes occurring in the weight of a litter and an average weight of the pig in relation to the number of pigs in a litter, were determined and presented graphically.

Card 1/1

VANCIKOVA, Ruzena J., inz.

International Conference on Breeding of Broilers under Conditions Existing in Socialist Countries. Vestnik CSAZV 8 no.11:621-625 '61.

1. Vyskumny ustav pre chov hydiny, Ceskoslovenska akademia podohospodarskych vied, Ivanka pri Dunaji.

(Poultry breeding)

VANCIKOVA, Ruzena J., inz.

Practical application of research results on poultry breeding. Vestnik CSAZV 9 no.3:135-138 '62.

1. Vyskumny ustav pre chov hydiny, Ceskoslovenska akademia polnohospodarskych vied, Ivanka pri Dunaji.

VANCIKOVA, Ruzena J., inz.

Research Institute for Poultry Breeding is helping the practice.
Vestnik vyzk zemedel 9 no.6:326-329 '62.

1. Vyskumny ustav pre chov hydiny, Ivanka pri Dunaji.

GAZO, Mikulas, inz.; VANCIKOVA, Ruzena J., inz.

Experimental biological test of D vitamin content in individual feeds. Vestnik vyzk zemedel 9 no.11:518-519 '62.

1. Vyskumny ustav pre chov hydiny, Ivanka pri Dunaji.

CZECHOSLOVAKIA

VANCIKOVA, R.; Poultry Research Institute (Vyskumny Ustav pre Chov Hydiny), Ivanka pri Dunaji.

"Influence of Light Pattern on Sexual Maturity of White Leghorn Hens."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 392 - 393

Abstract: In the winter months of December to February the influence of the light pattern on sexual maturity of hens was investigated in 6 groups of hens. One group was exposed to available daylight, one was kept in complete darkness, and 4 were exposed to various patterns of artificial light. Hens who were exposed to artificial light matured in 172-176 days; those in the other 2 groups matured 20 days later. 1 Figure, 4 Western references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 9 Dec 65.

1/1

HORA, Valtr; VANCL, Josef

Higher productivity cannot always be reached with fewer workers.
Prace mzda 13 no.3:112-115 Mr '65.

1. Association of Knitting Industry Enterprises, Pisek.

KOCISKOVA, D.; STYK, B.; HANA, L.; technical assistance: VANCO, K.; ZAHUMENSKA, B.

The relation of properdin and complement to the thermolabile cofactor of normal serum necessary for the reaction of specific antibody with influenza A2 virus. Acta virol.Engl.Ed.Praha 5 no.1: 19-25 Ja '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(INFLUENZA VIRUSES immunol)
(COMPLEMENT)
(PROPERDIN)

RATHOVA, V.; KOCISKOVA, D.; tedhnika spolupraca VANCO, K.; ZAHUMENSKA, B.

Antibody response after different modes of administration of influenza viruses group as in some laboratory animals and the effect of different methods of removing non-specific inhibitors on the titer of specific antibodies in their sera. Cesk. epidem. mikrob. imun. 10 no.3:170-175 '61.

1. Virologicky ustav CSAV v Bratislave.
(INFLUENZA VIRUSES immunol.)

POPPER,M.,prof.; KAUFMAN,S.,dr; CRISTEA,M.,dr; VANCOV,T.,dr.

The association of tuberculosis with aspergillosis. Med. int., Bucur. 12 no.2:295-301 F '60.
(TUBERCULOSIS PULMONARY complications)
(ASPERGILLOSIS complications)

MITROIU, O.; POPA, M.; NEGREANU, W.; BILCU, M.; POPPER, M.; KAUFMANN, S.; NICULESCU, V.; VANCOV, Z.

Differential diagnosis of jaundice appearing in the course of treatment with para-amino-salicylic acid, by means of serum aldolase determination. Rumanian M Rev. no.3:11-12 Jl-S '60.

(ALDOLASE blood) (JAUNDICE diagnosis)
(PARA-AMINOSALICYLIC ACID toxicology)

VANCSO, GY.

"Chemistry of unsaturated polyester alkyd resins." Pt. 1, p. 179. (Magyar Kemikusok Lapja, Vol. 8, no. 6, June 1953, Budapest)
"Beryllium poisoning." p. 182. (Magyar Kemikusok Lapja, Vol 8, no 6, Jun 53 Budapest)

SO: Monthly List of East European Accessions, Vol 3 No 2 Library of Congress Feb 54 Uncl

"Synthetic rubbers based on isocyanate."
Magyar Kemikusok Lapja, Budapest, Vol 9, No 4, Apr. 1954, p. 109

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

VANCSO, Gyula

Hungary/Chemical Technology - Chemical Products and Their Application. Synthetic Polymers. Plastics, I-

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63114

Author: Vancso, Gyula

Institution: None

Title: Hungarian Experience with the Use of Polyvinyl Chloride

Original Periodical: Hazai tapasztalatok a polivinilklorid felhasznalasa teren, Magyar kemik., lapja, 1954, 9, No 9, 257-265; Hungarian

Abstract: Presented are physicomechanical indexes and data on chemical stability of rigid polyvinyl chloride and plasticized polyvinyl chloride and also experimental data on their use in lining of containers, making of reactors, cells, washing columns, fixtures, hose and gaskets.

Card 1/1

VANCSO, GY.

PVC in the fittings industry. p. 22.
Snow replaced by PVC. p. 23.

No. 1, Jan. 1955.
MUSZAKI ELET
Budapest

SOURCE: Monthly list of East European Accession, (EEAL), LC, Vol. 5, No. 3, March, 1956

VANCSO, GY.

VANCSO, GY. Gluing metals. p. 36. GEP. Budapest. Vol. 8, no. 1, Jan. 1956.

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6 June 1956

VANCSO, Imre, okleveles meteorologus, tudomanyos munkatars

Meteorologic factors. Vizugyi kozl no.3:282-287 '63.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet.

VANCSO, Imre

Forecasting precipitation volumes. Hidrologiai kozlony 44 no.4:164-172 Ap'64

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

B. T. R.
June 1954
Plastics

(1)

8847a* Chemistry of the Unsaturated Polyester Alkyd Resins. II. (Hungarian.) Ibolya Szmercsányi-Vancsó. *Magyar Kémikusok Lapja*, v. 9, no. 1, Jan. 5, 1954, p. 28-35. Polymerization and the role of peroxides, promoters, and inhibitors. Results of experiments on polymerization done at the Hungarian Research Institute of the Plastics Industry. Tables, graphs. 9 ref.

10-8-54
mj

VANCSO-SZMRECSANYI, L.

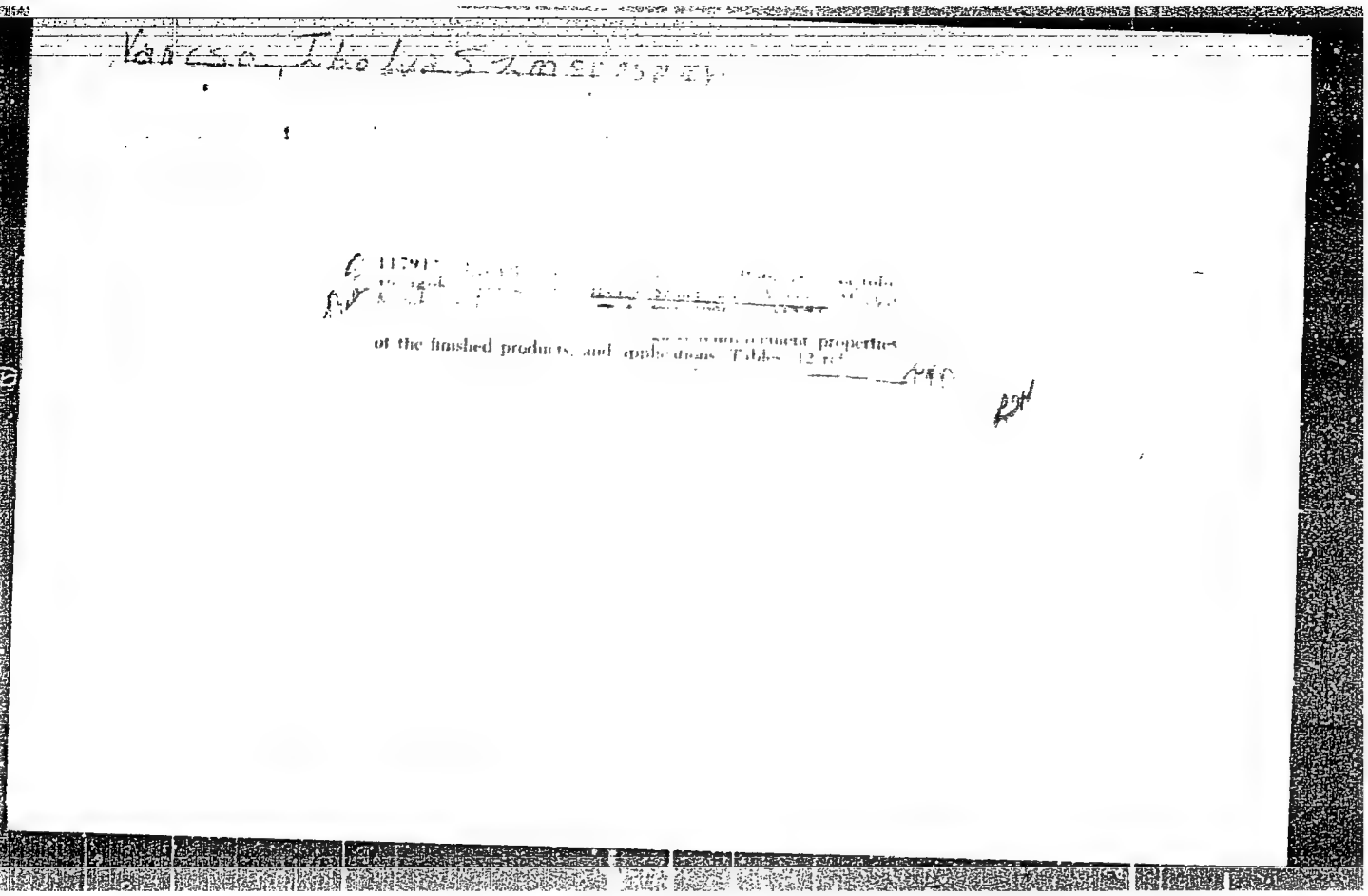
Use of polyester contact resins of alkyd type in the electric industry. p. 248

Some d stinctive products of the Factory for Electric Machines and Cables. p. 256

ELEKTROTECHNIKA, Vol. 48, No. 8, Aug. 1955

(Magyar Elektrotechnikai Egyesulet) Budapest.

SOURCE: East European Accessions List Vol. 5, No. 1 September, 1956



of the finished products, and applications. Tables 12 to

VANCSO, I.

Polyester molding materials. p. 112.
MAGYAR KEMIKUSOK KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest.
Vol 11, no. 7, Apr 1956.

SOURCE: EEAL, Vol 5, no. 7, July 1956.

VANCSO, L.

VANCSO, L. - Important results of our research on polyester contact resins.
p. 248. Vol. 11, no. 8, Aug. 1956.
MAGYAR KEMIKUSOK LAPJA - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

Vancso-Szmercsanyi, I.

The use of new polyester-base synthetic materials in Hungarian instrument manufacturing. p.75

MERES ES AUTOMATIKA. (Meratechnikal es Automatizalasis Tudomanyos Egyesulet) Budapest, Hungary. Vol.7, no.2/3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

VANCSÓ, I.

Distr: 4E2c(j)

Investigation of the copolymerization of unsaturated polyesters and styrene or methyl methacrylate by measuring shrinkage. Ibolya Vancsó and Etelka Makai (Szerves Vegyipari és Műanyagipari Kutató Int., Budapest, Hung.) *Magyar Tudományos Akad. Kém. Tudományok Osztályának Közleményei* 11, 445–53(1959).—The extent of polymerization is detd. by measuring shrinkage in a Schulz dilatometer (cf. Schulz and Harborth, *C.A.* 41, 5752b). Diethylene glycol maleate and sebacate are copolymerized with styrene (I) and Me methacylate (II). Unsatn. promotes polymerization. The nature of the initiator-activator system (Bz_2O_2) greatly influences the reaction. II had much smaller copolymerization ability with polyesters than I. The Trommsdorf effect (cf. Trommsdorf, *et al.*, *C.A.* 42, 6578b) was valid in the above cases. T. E. Muller

Card 1/1 aht

VANCSO, I.

Plastic products strengthened by glass fibers. p. 77.

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest, Hungary
Vol. 14, no. 2/3, Feb./Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

VANCSO, IBOLYA

Maleate-fumarate isomerization during the preparation of polyglycol maleates. Effects of isomerization on copolymerization reactivity. Ibolya Vancsó and Mrs. László Maros (Műanyagipari Kutató Intézet, Budapest, Hung.). *Magyar Kém. Folyóirat* 65, 280–1(1959).—The effect of various factors on maleate-fumarate isomerization was studied by using the polarographic method of Feuer, *et al.* (*C.A.* 48, 12459b). Diethylene glycol-maleic anhydride polycondensates were used in the expts. The resin was decompd. by cold sapon. and polargrams were prepd. from the resulting aq. solns. An NH_4OH–NH_4Cl buffer soln. at pH 8.1 was used as standard. The effect of the degree of isomerization on the copolymerization was followed by measuring the enthalphy changes of the reacting monomers with a derivatograph (cf. Paulik, *et al.*, *C.A.* 52, 13325f) and by measuring the contraction of the mixt. with a Hg-dilatometer (Schulz and Harborth, *C.A.* 41, 5762c). This procedure was found to be suitable for following the progress of the copolymerization.

G. J. Ernyei

VANCSO-SZMERCSÁNYI, I.K.

PHASE I BOOK EXPLOITATION SOV/4983

International symposium on macromolecular chemistry. Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii, SSSR, Moskva, 14-18 iyunya 1960 g.; doklady i avtoreferaty. Sektsiya II. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18; Papers and Summaries) Section II. [Moscow, Izd-vo AN SSSR, 1960] 559 p. 5,500 copies printed.

Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Tech. Ed.: T.A. Prusakova.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

COVERAGE: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or induced by radiation. Among the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolation. There are summaries in English, French and Russian. No personalities are mentioned. References follow each article.

AVAILABLE: Library of Congress

19

Vinyl compounds

VANCSONE SZMERCSANYI, Ibolya

The structure and properties of polyester contact resins. Kem tud kozl MTA 14 no.3:309-314 '60. (EEAI 10:9)

1. Szerves Vegyipari es Muanyagipari Kutato Intezet, Budapest.

(Esters) (Gums and resins) (Ethylene) (Glycols)
(Maleic acid) (Sebacic acid) (Fumaric acid)

MAROSNE GREGER, Katalin; VANCSONE SZMERCSANYI, Ibolya; MAKAYNE BODI, Etelka

Determination of the unsaturatedness of unsaturated polyesters. Magy kem lap 15 no.2:72-74 F '60.

1. Szerves Vegyipari es Muanyagipari Kutato Intezet.

VANCSO, Ibolya

15811D

21425
H/006/61/000/012/001/001
D286/D304

AUTHORS: Vancsó née Szmercsányi, Ibolya and Réthy, Eszter

TITLE: Properties of diphenic acid polyester resins, in particular their heat resistance

PERIODICAL: Magyar kémikusok lapja, no. 12, 1961, 555-559

TEXT: The article deals with experiments carried out at the Műanyagipari kutató intézet (Plastics Industry Research Institute) in Budapest to produce polyester resins of high heat resistance. Diphenic acid, maleic anhydride and ethylene glycol were used in varying proportions. Condensation polymerization was carried out at 180-210°C without a catalyst in a carbon dioxide stream resulting in a product with the acid number 45. Experiments showed that the optimum Vicat softening point as well as the optimum Brinnel hardness of 1,825 Kg/sq cm was obtained with a polyester composed of 25% maleic anhydride, 47.1%

Card 1/3

Properties of diphenic ...

diphenic acid and 27.9% ethylene glycol. The copolymerization was made with styrene, the polyester monomer ratio being 65:35, and 1% benzoyl peroxide as initiator. Another experiment showed that the heat resistance values of the diphenic acid polyester are highest when copolymerization is carried out in the presence of an inhibitor. The Vicat softening point of the polyester copolymerized with diallyl phthalate was 280°C and the optimum heat resistance was obtained with resins produced by copolymerization with thriallyl cyanurate. The heat resistance of the copolymer of diethylene glycol maleate-fumarate and styrene was tested in relation to the fumarate content. Best results were obtained with a polyester of the following composition: 67% fumarate, 1 mol maleic anhydride, 1 mol diethylene glycol and 1% benzoyl peroxide. The acid number was 36. The Vicat softening point was 250°C, Bhn, 870 kg/sq cm and the compressive strength, 2,400 kg/sq cm. It was also found that the Vicat

Card 2/3

Properties of diphenic ...

softening point increases with the increase of the molecular weight. Tests with the Zilles diamond abrasion machine showed, after 10 minutes of operation at 500 g loading, an abrasion of 120 mg/sq cm. Diphenic acid used in the experiments was produced by the Szerves vegyipari kutató intézet (Organic Chemical Industry Research Institute) and supplied by Doctor István Back and Mrs. László Schéra. The authors express their thanks to Doctor Ede Laczko, head of the Mechanical Laboratory of the Plastics Industry Research Institute for his assistance in the mechanical and heat resistance tests. There are 9 figures, 6 tables and 9 references: 3 Soviet-bloc and 6 non-Soviet-bloc. The references to the English-language publications read as follows: A.D. Anderson and E.S. Freeman: J. Appl. Pol. Sci., 1, 192-199, 1959; A.D. Anderson and E.S. Freeman: Anal. Chem. 31, 1697-1700, 1959; S.L. Madorsky: J.Pol.Sci., 9, 133-156, 1952.

ASSOCIATION: Müanyagipari kutató intézet(Plastics Industry Research Institute)

Card 3/3

SZABONE, RETHY, Eszter; VANCSONE SZMERCSANYI, Ibolya

Chemical resistance of polyester contact resins. Magy kem lap 18 no.7:328-334 Jl '63.

VANCSONE SZEKERCSAYI, Ibolya; PAULIK, Jeno

Thermal analysis of polyester resins. Pt.1. Magy kem folyoir 69 no.12:545-550 D'63.

1. Muanyagipari Kutato Intezet, Budapest.

VANCSONE Szmercsanyi, Ibolya; MAROS, Laszlone

Maleate-fumarate isomerization during the synthesis of polyglycol-maleates; the effect of isomerization on the reactivity of copolymerization. Magy kem folyoir 65 no. 7: 280-281 Jl '59.

1. Muanyagipari Kutato Intezet, Budapest.

L 36856-66 T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6019274 SOURCE CODE: GE/0030/66/015/002/0627/0637 46 43 B

AUTHOR: Tauc, J.; Grigorovici, R.; Vancu, A.

ORG: [Tauc] Institute of Solid State Physics of the Czechoslovak Academy of Sciences, Prague; [Grigorovici; Vancu] Institute of Physics of the Rumanian Academy of Sciences, Bucharest

TITLE: Optical properties and electronic structure of amorphous germanium

SOURCE: Physica status solidi, v. 15, no. 2, 1966, 627-637

TOPIC TAGS: amorphous germanium, electronic structure, optic property, energy dependence, optic density

ABSTRACT: The optical constants of amorphous Ge are determined for photon energies from 0.08—1.6 eV. From 0.08—0.5 eV, the absorption is due to k-conserving transitions of holes between the valence bands as in p-type crystals; the spin-orbit splitting is found to be 0.20 in non-annealed, and 0.21 eV in annealed samples. The effective masses of the holes in the three bands are 0.49 m; 0.04 m, and 0.08 m. An absorption band is observed below the main absorption edge (at 300K; the maximum of this band is 0.86 eV); the absorption in this band increases with increasing temperature. This band is considered

Card 1/2

L 36856-66

ACC NR: AP6019274

3

to be due to excitons bound to neutral acceptors, and these are presumably the same ones that play a decisive role in the transport properties and which are considered to be associated with vacancies. The absorption edge has the form: $\omega^2 \varepsilon_2 \sim (h\omega - Eg)^2$ (Eg = 0.88 eV at 300K). This suggests that the optical transitions conserve energy, but not the k vector, and that the densities of states near the band extrema have the same energy dependence as in crystalline Ge. A simple theory describing this situation is proposed, and comparison of it with the experimental results leads to an estimate of the localization of the conduction-band wave functions. For the suggested interpretation of the experimental results, the authors profited very much from discussions with Dr. E. Antoncik and Dr. B. Velicky; fruitful discussions with Dr. L. Banyai and also acknowledged. Orig. art. has: 4 figures and 14 formulas. [Authors' abstract.]

[KS]

SUB CODE: 20/ SUBM DATE: 25Feb66/ ORIG REF: 005/ OTH REF: 001

Card 2/2

AUTHOR: Antonín Vančura CZECH/37-59-2-9/20

TITLE: On the Non-conservation of Parity and on Theories of the Neutrino

PERIODICAL: Československý Časopis Pro Fysiku, 1959, Nr 2, pp 178-191

ABSTRACT: Recent knowledge on the properties of the Hamiltonian symmetry of weak interactions is reviewed. Particular attention is paid to the Hamiltonian for decay β in various theories of the neutrino, especially a comparison of the interaction of a nucleon and a lepton field in the two-component and general four-component theories of the neutrino. The mutual relation of the law of the conservation of parity and the number of leptons is explained and the necessity of supplementing the two-component theory by the law of the conservation of the number of leptons is given. Finally the author puts forward a hypothesis on the universal Fermi interaction and its relation to the two-component theory of the neutrino. Acknowledgements are expressed to Dr. V. Votruba and L. Valenta, for their advice and continued interest in the work.

Card 1/2

CZECH/37-59-2-9/20

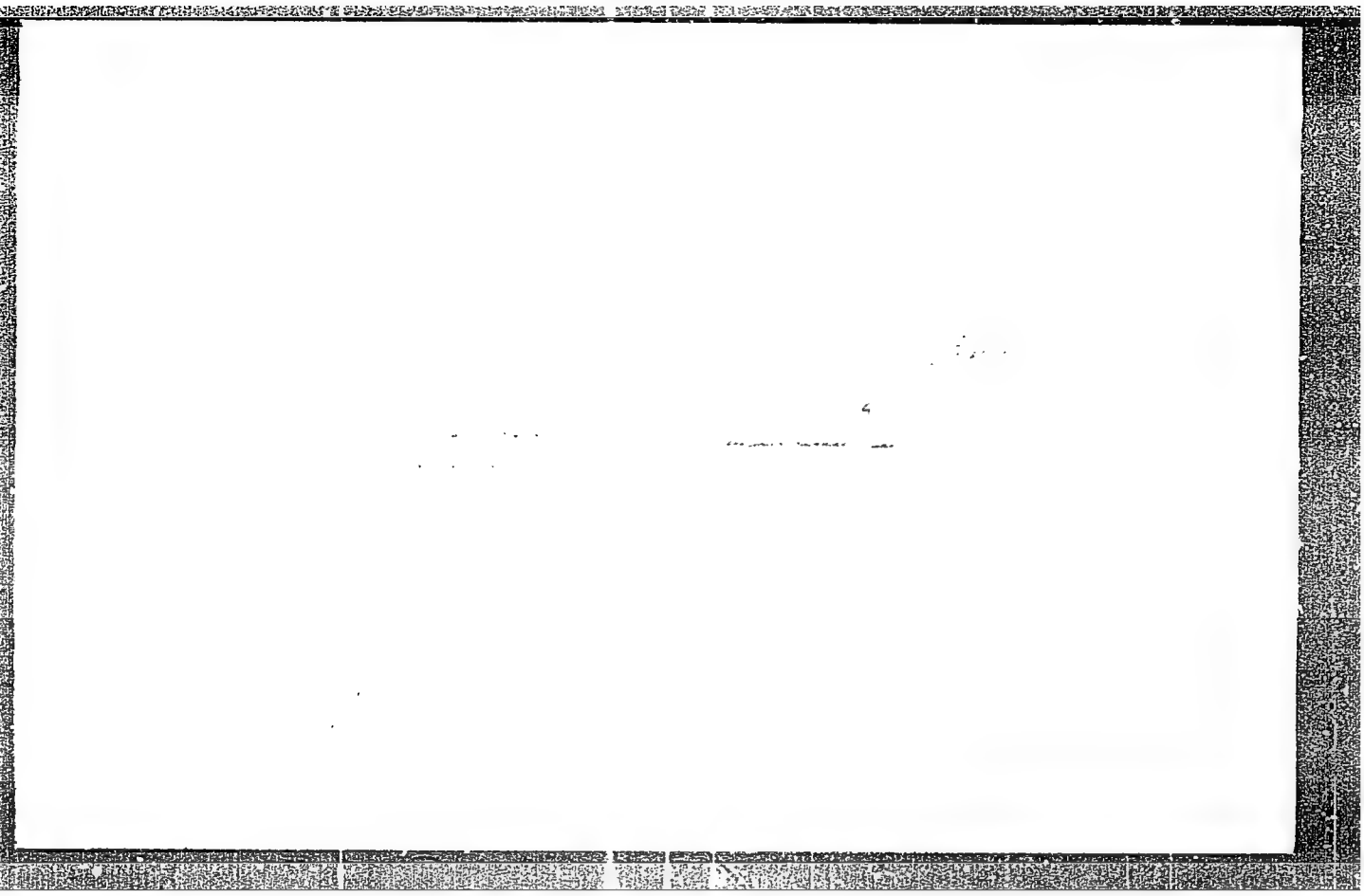
On the Non-conservation of Parity and on Theories of the Neutrino

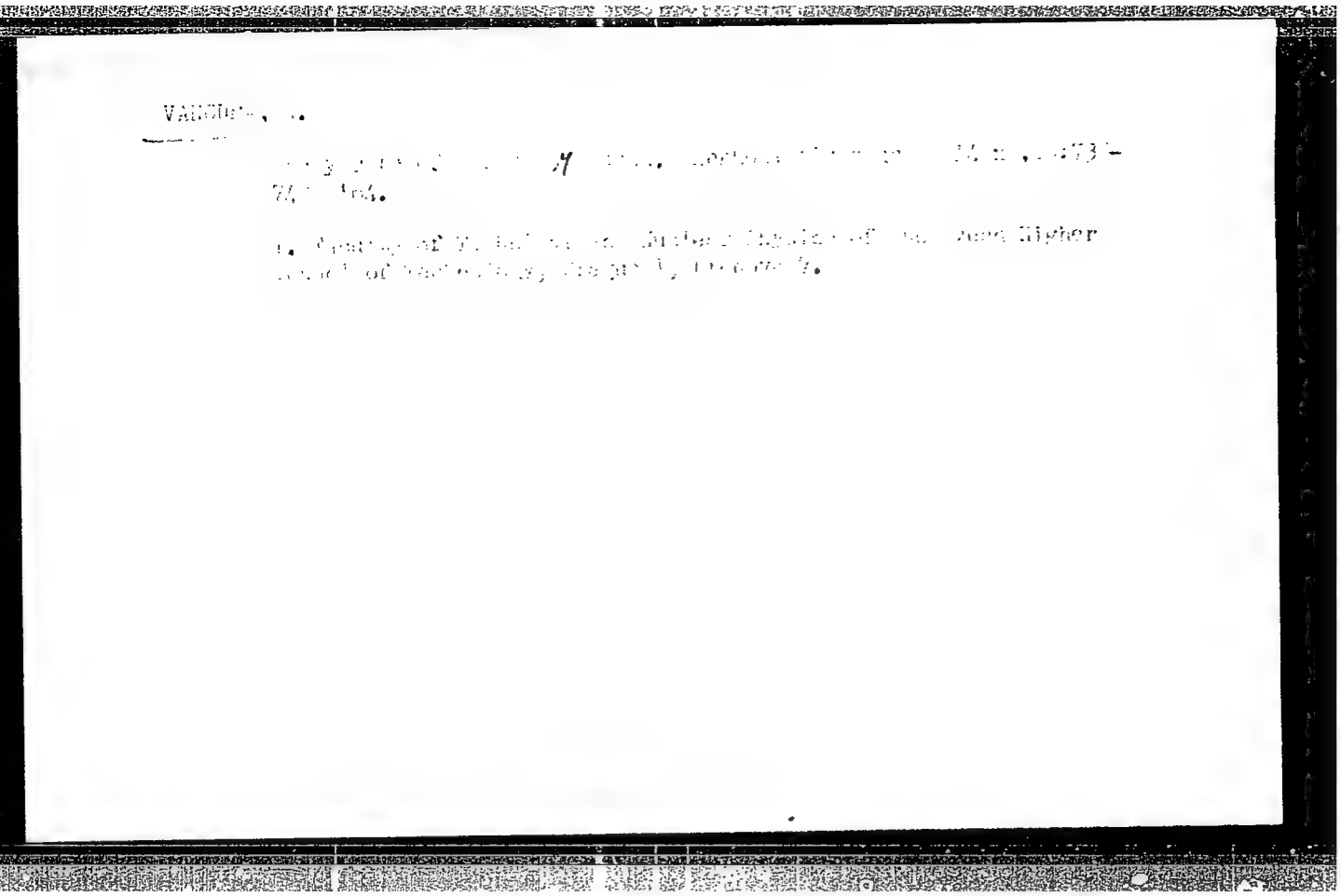
This review article contains 64 references, of which 46 are English, 11 Italian, 3 German, 1 Danish, 2 Soviet and 2 Czechoslovakian.

ASSOCIATION: Fakulta technicke a jaderne fysiky Karlovy university, Praha
(Faculty of Technical and Nuclear Physics, Charles University, Prague)

Card 2/2

SUBMITTED: July 14, 1958





VANCURA, P.

A multichannel model of weak scattering of leptons. Chekhosl fiz zhurnal 14 no.11:810-816 '64.

1. Faculty of Technical and Nuclear Physics of the Czech Higher School of Technology, Prague 1, Brehova 7.

VANCURA, J.

TECHNOLOGY

Periodical: ZELEZNICAR. No. 12, Dec. 1958.

VANCURA, J. We are improving the economic management of our railroads. p. 1.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

VANCURA, J.

Variations of the content of azulene in flowers of Matricaria chamomilla L. during its vegetation. Cesk. farm. 3 no.5:174-177 My '54.

1. Z ustavu pro farmakologii a farmakognosii lekarske fakulty Karlovy univ. v Praze.

(PLANTS,
*Matricaria chamomilla, azulene content in flowers during various stages of vegetation)
(OILS,
*azulene in Matricaria chamomilla flowers, variations during various stages of vegetation)

JAKOUBKOVA, J.; KACL, J.; KOLAR, J.; VANCURA, J.

Metastases of pulmonary cancer to the bones of the hand. Cesk. rentg.14 no.6:396-399 D'60.

1. Radiologicka klinika University Karlovy v Praze, predseda prof. MUDr. Vaclav Svab.
(CARCINOMA BRONCHOGENIC compl)
(HAND neopl)

KUZELOVA, Marie; VANCURA, Jan

Contribution to the differential diagnosis of vascular diseases during work with pneumatic tools. Prac. lek. 16 no.7:328-331 S '64.

1. Oddeleni chorob z povolani Obvodniho ustavu narodniho zdravi v Pardubicich (vedouci MUDr. M. Kuzelova), Radiologicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. V. Svab, DrSc.).

FANTIS, A.; MRSKLA, J.; VANCURA, J.

Intraspinal radicular cysts. Cesk. neurol. 27 no.5:317-322 S '64.

1. I. chirurgicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze, (prednosta prof. dr. J. Pavrovsky) a Radiologicka klinika fakulty vseobecneho lekarstvi Karlovy University (prednosta prof. dr. V. Svab).

TEICHMANN, V.; VANCURA, J.

Catheterization method in spinal phlebography. Cas. lek. cesk. 104 no.24:665-668 18 Je '65

1. Radiologicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. V. Svab).

BARTOS, J.; LICHTENBERG, J.; VANCURA, J.; POKORNY, J.

Surgical treatment of arteriosclerotic obstructions of the abdominal aorta. Rozhl. chir. 44 no.7:502-504 Jl '65.

1. I. chirurgicka klinika (prednosta prof. dr. J. Pavrovsky, DrSc.), radiologicka klinika (prednosta prof. dr. V. Svab) a IV. interni klinika (prednosta prof. dr. M. Fucik) fakulty vseobecneho lekarstvi Karlovy University v Praze.

L 31785-66

ACC NR: AP6021646 SOURCE CODE: CZ/0030/65/000/011/0359/0361

AUTHOR: Vancura, J.

17
B

ORG: Chirana, Brno

TITLE: Sterilization instruments

SOURCE: Jemna mechanika a optika, no. 11, 1965, 359-361

TOPIC TAGS: medical equipment, medical laboratory instrument, hospital equipment

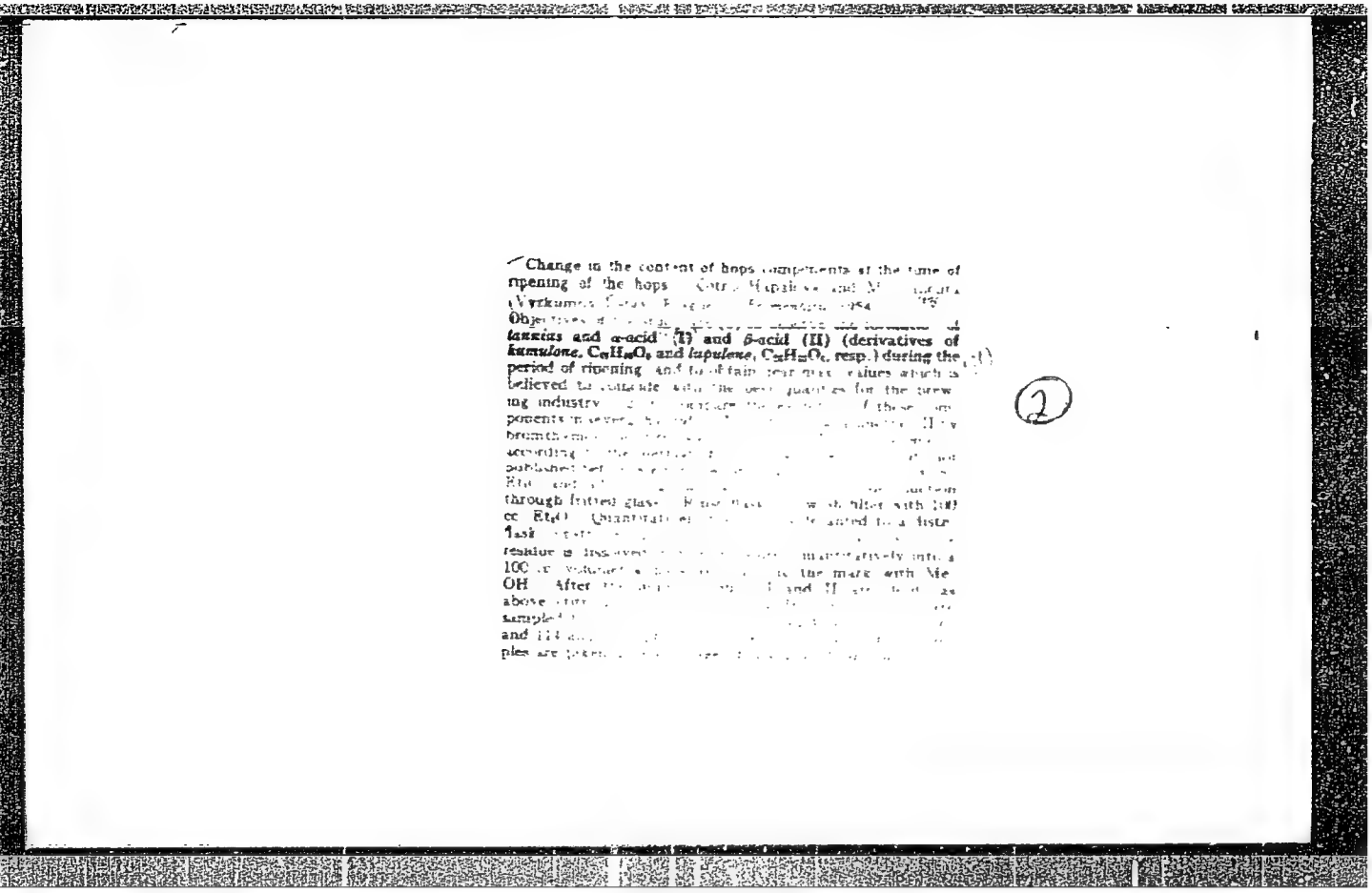
ABSTRACT: The article discusses general problems of instruments and devices for sterilizing medical instruments and gives some interesting solutions of their design. The article shows the wide field of techniques involved in [illegible] questions of the designing of those instruments. Orig. art. has: 4 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

VANCURA, Jiri, inz. arch. dr.

Office buildings abroad. Tech prace 17 no.2:114-117 F '65.



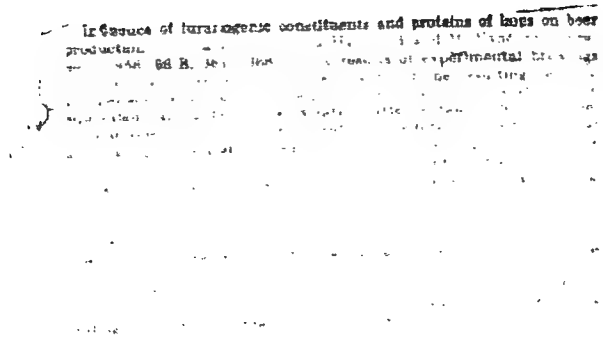
Change in the content of hops components at the time of ripening of the hops [illegible]

(Vyzkumny [illegible] 1954

Objective [illegible] tannins and α-acid (I) and β-acid (II) (derivatives of *humulone*, $C_{21}H_{30}O_5$ and *lupulene*, $C_{26}H_{42}O_5$, resp.) during the period of ripening [illegible] believed to coincide with the best quality for the brewing industry [illegible] components [illegible] brom[illegible] according [illegible] published [illegible] Et[illegible] through [illegible] glass [illegible] with [illegible] cc Et$_2$O [illegible] 1 asi[illegible] residue is [illegible] 100 cc [illegible] OH After [illegible] above [illegible] sample[illegible] and [illegible] ples are [illegible]

(2)

VANCURA, M



Effect of some constituents, especially the colloids, of malt extract on course of hop-boiling. V Salač, M Kotrlá Hapalová and M Vaněčka *Brauwiss.* 1958 **98**, B, 188–196. The proteolytic prep "Illupulin" is chosen in preference to four other preps for experiments on the effects of modification of the wort proteins. The best results (with average hop additions) as regards utilisation of the hop bitters and the general quality of the resulting beer are obtained with the use of 1 g. of the prep. per l. (the smallest amount tried) of first wort, which gives a ratio of the Lundin protein fractions A B C of 3 2 4–5 in the wort, and 1 1 2 6–7 in the beer. The proteolytic prep. appears also to have an amylolytic effect on the complex carbohydrates, completely decreases chloride, and biological stability, but excessive pptn. of the proteins of high and medium mol. wt. tends to spoil the taste of the beer. P. S. Skup.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Carbohydrates and Their Processing. H.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36742

Author : Salac, V., Vancura, M., Bednar, J.

Inst : -

Title : A Comparison Between Czechoslovak Hop Extracts with Those of Other Countries.

Orig Pub : Kvasny prumysl, 1958, 4, No 7, 146-148.

Abstract : The effect of the substitution of hops by hop extracts (HE) on the quality of wort and beer has been clarified. The Czechoslovak HE (CzSR-I and CzSR-II) were compared with those of FRG, GDR, England and USA. CzSR-I was obtained by the extraction of the hops by an organic solvent and water; an organic solvent only was used in the preparation of CzSR-II, and, as a result, tanning agents were absent in them (as in the case of HE of GDR). A number of semi-industrial brewings in identical

Card 1/3

H-142

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Carbohydrates and Their Processing. H.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36742

conditions were submitted. Zhatetz hops were assigned for the controlled brewings in 3 stages; for the experimental beer, however, HE only were used before the brewings and in amounts corresponding to their densities. The analysis of HE established the presence of a smaller amount of solid resins in CzSR-I and CzSR-II, than in foreign HE. All HE, containing hop tanning agents, showed an increase of albumin precipitation in the brewery, but HE of England and USA showed a decrease of fermentation spirals. In the remaining process of brewing and fermentation, a difference with the controlled brewings were not noticed. The examination of the wort and beer tests showed that hop tanning agents assist in the preservation of bitter substances. In the organoleptic evaluation, beer specimens from HE of CzSR-I occupied 1st place; 2nd place was taken up by the controlled beer;

Card 2/3

VANCURA, M.; BEDNAR, J.

"Experiments with utilizing extracts of bitter-hop substances from sludge and brewery sediments." P. 105.

KVASNY PRUMYSL. (Ministerstvo potravinarskeho prumyslu). Praha, Czechoslovakia, Vol. 5, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

VANCURA, Miloslav; BEDNAR, Jaromir

Effect of hop resins on the beer bitter. Kvasny prum 9 no.5:110-112 My '63.

1. Vyzkumny ustav pivovarsky a sladarsky, Praha.

VANCURA, Miroslav; BEDNAR, Jaromir

Changes in hop resins during hop storage and their effect on the amount of bitter substances in beer. Kvasny prum 9 no. 12: 277-281 D '63.

1. Vyzkumny ustav pivovarsky a sladarsky, Praha.

VANCURA, Miroslav

Hops from the 1964 crop. Kvasny prum 10 no.10:219 O '64.

1. Research Institute of Brewing and Malting Industry, Prague.

DVORAK, L.; DVORAKOVA, M.; JIRANKOVA, J.; KOLBEL, F.; VANCURA, P.

Incidence and prognosis of myocardial infarct in a sampling of the Prague population in recent years. Cas. Lek. Cesk. 101 no.9:267-272 2 Mr '62.

1. III interni klinika KU v Praze, prednosta akademik Josef Charvat, Ustav organizace zdravotnictvi v Praze, prednosta prof. dr. Vaclav Prosek.

(MYOCARDIAL INFARCT statist)

VANCURA, P.

Mucoviscidosis in adults. Cas.lek. cesk. 103 no.3:10-14 17 Ja'64.

1. III. interni klinika fakulty vseobecneho lekarstvi KU v Praze; prednosta: akademik J.Charvat.

*

VANCURA, P.; KUCHEL, O.

Extrarenal effect of aldosterone and its inhibition by spironolactone. Cas. lek. cesk. 103 no.51:1402-1403 18 D '64

1. III. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (predmosta akademik J. Charvat).

DVORAK,L.; VANCURA, P.; VOSLAROVA, Z.

Effect of methylene blue on angina pectoris. Cas. lek. cesk. 104. no.7:175-181 19 F '65.

1. III. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: akademik J. Charvat) a I. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze, (prednosta: prof. dr. V. Hoenig, DrSc).

CZECHOSLOVAKIA

VANCURA, P., 3rd Internal Clinic, Faculty of General Medicine, Charles University (III. Interni Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Member of Academy J. CHARVAT.

"Bond Between Hormones and Blood Serum Albumins."

Prague, Casopis Lekaru Ceskych, Vol 105, No 19, 13 May 66, Lekarska Veda v Zahranici, No 5, pp 93 - 102

Abstract: Hormones form bonds with albumins, prealbumins, alpha globulins, and to some extent with beta globulins. No natural bonds to gamma globulins are known. The manner in which the bond is formed may differ even for two identical components, and is influenced by physiological conditions. Bonds formed between thyroxin and various proteins are discussed. Bonds of insulin with various proteins are described. Bonds between steroids and albumins are discussed. Changes in the bonds of hormones to proteins caused by liver diseases are described. 5 Figures, 6 Tables, 161 Western references.
1/1

VANCURA, Theodor

Improvement suggestions, problems and opinions. Geod kart obzor 2 no.3:56-57 Mr '16.

1. Dopravni stavby, n.p., Olomouc.

"Electric equipment of the Donbas coal combine."
Uhli, Praha, Vol 3, No 4, Apr. 1953, p. 102

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

[illegible], V.

"Organization of power and auxiliary operations in Soviet mines."
Uhli, Praha, Vol 3, No 4, Apr. 1953, p. 113

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

VANCURA, V.

"Eliminating defects in electric equipment of the Donbas Combine."
Uhli, Praha, Vol 3, No 5, May 1953, p. 155

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

s/262/62/000/024/005/007
A154/A126

AUTHOR: Vančura, Václav

TITLE: A fan for a helicopter engine

PERIODICAL: Referativnyy zhurnal, Silovyye ustanovki, no. 24, 1962, 37, abstract 42.24.250 (Zpravod. VZLÚ, 1961, no. 3, 13 - 19; Czech; summaries in Russian and English)

TEXT: Use of an axial fan for cooling a helicopter engine is substantiated, a technique for strength and thermodynamic tests is given, and the individual test arrangements used in the tests are described. Diagrams and graphs of the test results are given of a fan which was designed for a V-shaped 6-cylinder horizontal aircraft engine of about 240 HP.

[Abstracter's note: Complete translation]

Card 1/1

SULC, Josef, inz., dr.; VANCURA, Vaclav, inz.

Tanks for the temporary storage of cooled milk. Prum potravin 13 no,9: 496-501 S '62.

1. Vyzkumny ustav mlekarensky, Praha.

J

Country : CZECHOSLOVAKIA
Category: Soil Science. Soil Biology.

Abs Jour: RZhBiol., No 14, 1958, No 63056

Author : Vancura, Vlastimil
Inst : Czech. Academy of Agricultural Sciences
Title : The Dynamics and Variability of Azotobacter Under Certain Agricultural Crops.

Orig Pub: Sbor. Ceskosl. akad. zemed. ved. ostl vyroba, 1956, 29, No 9-10, 976-977 (chehsk.)

Abstract: The dynamics of the accumulation of azotobacter (A) in soil (burozem) under barley and beans are similar. In the immediate area of the barley roots A is more numerous than in the soil; the development of A is stimulated by the root system, especially during

Card : 1/3

J

Country : CZECHOSLOVAKIA
Category: Soil Science. Soil Biology.

Abs Jour: RZhBiol., No 14, 1958, No 63056

the lactation period. In the rhizosphere zone of beans, the dynamics of accumulation of *A.* are the same as in the soil. In the rhizosphere zone of oats (bean-oat mixture), *A.* is stimulated in the tillering and fruiting phases and is inhibited in further phases; in the meantime, the dynamics of accumulation in the rhizosphere zone of the bean plant is the same as in the monoculture of the beans. Under beets, because of repeated weeding, the quantity of *A.* in the soil is greater than in the rhizosphere zone. Morphological and culture differences in azotobacter taken from under oats and barley in various phases (the appearance of small colonies with a high content of volutin

Card : 2/3

J

Country : CZECHOSLOVAKIA
Category: Soil Science. Soil Biology.

Abs Jour: RZhBiol., No 14, 1958, No 63056

in the cells) are observed, as are also differences in the formation and consistency of the slime. -- V.A. Kanzyuba

Card : 3/3

CZECHOSLOVAKIA / Microbiology. General Microbiology. Physiology and Biochemistry. F-1

Abs Jour: Ref Zhur-Biol., No 16, 1958, 71907.

Author : Vancura, V.; Macurova, M.
Inst : ~~Czechoslovak~~ Academy of Agricultural Sciences.
Title : Fixation of Atmospheric Nitrogen Azotobacter in Some Industrial Waste.

Orig Pub: Sbor. Ceskosl. akad. zemed. ved. Rostl. vyroba, 1956, 29, No 9-10, 978-979.

Abstract: No abstract.

Card 1/1

VANCURA, V., and others.

The relation of Azotobacter to the root system of barley. p. 119.

FOLIA MICROBIOLOGICA. (Ceskoslovenska akademie ved) Praha, Czechoslovakia. Vol. 4, no. 2, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 12, December 1959, Uncl.

VANCURA, V.; MACURA, J.

Development of azotobacter in the oat rhizophere and its effect on the yield. p. 200.

FOLIA MICROBIOLOGICA. (Ceskoslovenska akademie ved) Praha, Czechoslovakia. Vol. 4, no. 3, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 12, December 1959, Uncl.

VANCURA, V.

Composition of capsular polysaccharides of smoth and rough types of colonies of Azotobacter chroococcum. Folia microbiol 5 no.2:100-104 Mr '60. (EEAI 9:7)

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences, Prague.
(AZOTOBACTER)
(POLYSACCHARIDES)

VANCURA, V.; MACURA, J.

Indole derivatives in Azotobacter cultures. Folia microbiol. 5 no.5:293-297 '60. (EEAI 10:4)

1. Department of Microbiology, Institute of Biology, Czechoslovak Akademy of Sciences, Prague.
(Indole) (Azotobacter) (Growth (Plants))

VANCURA, V.; MACURA, J.

The effect of root excretions on Azotobacter. Folia microbiol 6 no.4:250-259 '61.

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences, Prague 6.

(AZOTOBACTER)

VRANY, J.; VANCURA, V.; MACURA, J.

Effect of foliar application of some readily metabolized substances, growth regulators and antibiotics on rhizosphere microflora. Folia microbiol. 7 no.1:61-70 '62.

1. Department of Soil Microbiology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague 6.
(ANTIBIOTICS pharmacol) (GROWTH SUBSTANCES pharmacol)
(BACTERIA pharmacol)

VANCURA, Vlastimil; HOVADIK, Alois

Root excretions of plants. Rost vyroba 9 no. 7/8:683-686 Jl-Ag '63.

1. Midrobiologicky ustavm Ceskoslovenska akademie ved, oddeleni pudni mikrobiologie, Praha a Vyzkumny ustav zelinarsky, Olomouc.

OPLISTILOVA, Kveta; VANCURA, Vlastimil

Growth stimulating substances in a culture of the bacteria of Rhizobium genus. Rost vyroba 9 no.7/8:734-736 Jl-Ag '63.

1. Ustredni vyzkumny ustav rostlinne vyroby, oddeleni mikrobiologie, Ruzyne; Mikrobiologicky ustav, Ceskoslovenska akademie ved, oddeleni pudni mikrobiologie, Praha.

VAGNEROVA, Kamila; VANCURA, Vlastimil; LASIK, Jaromir

Rhizosphere microflora of wheat. Pt. 4. Rost vyroba 9 no. 7/8:687-692 Jl-Ag '63.

1. Mikrobiologicky ustav, Ceskoslovenska akademie ved, oddeleni pudni mikrobiologie, Praha.

MACURA, J.; SZOLNOKI, J.; VANCURA, V.

Glucose decomposition in the soil. Rost vyroba 9 no.7/8: 788-792 Jl-Ag '63.

1. Mikrobiologicky ustav Ceskoslovenske akademie ved, oddeleni pudni mikrobiologie, Praha.

MACURA, J.; SZOLNIKI, J.; KUNC, F.; VANCURA, V.; BABICKY, A.

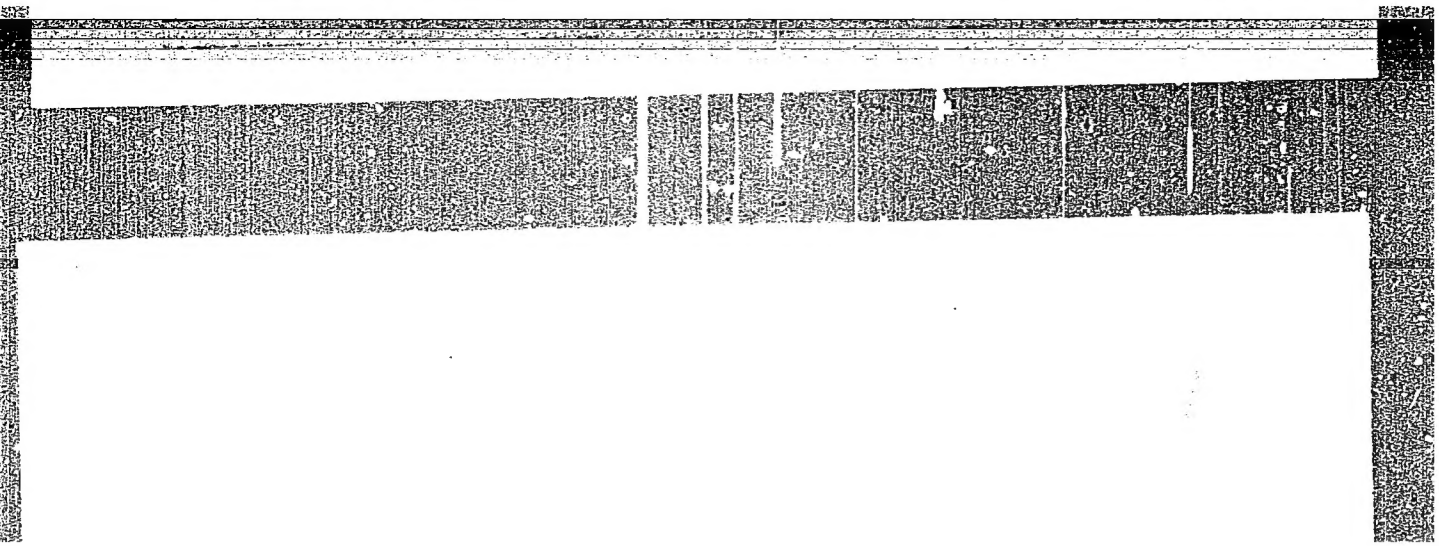
Decomposition of glucose continuously added to soil. Fol. microbiol. (Praha) 10 no.1:44-54 Ja '65

1. Department of Soil Microbiology, Institute of Microbiology and Radioisotope Research Laboratories, Czechoslovak Academy of Sciences, Prague 4.

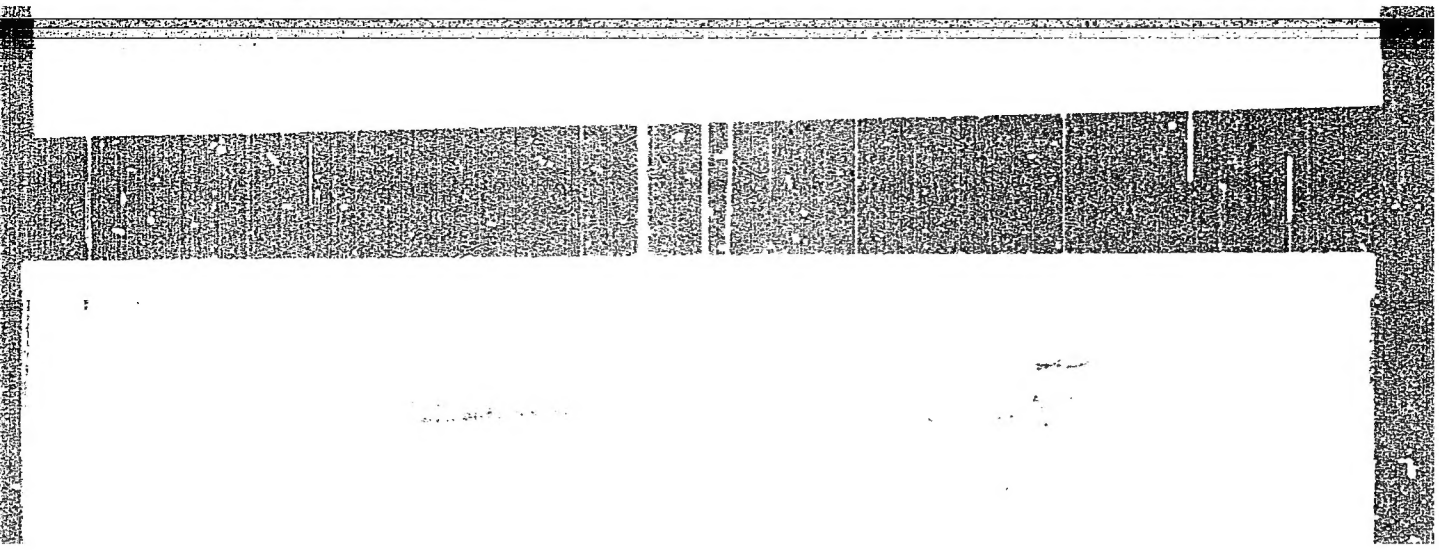
FRYNTOVA, A.; BUDINOVA-SMELA, J.; KACL, J.; VANCURA, V.; SKOP, V.

On the problem of angiospasm in cerebral arteries. Cas. lek. Cesk. 105 no.2:33-37 14 Ja '66.

1. Oddeleni pro cevni nemoci mozku, Praha-Krc (vedouci doc. dr. J. Budinova-Smela, CSc.) a Radiologicka klinika fakulty vseobecneho lekarstvi Karlovy University, Praha (prednosta prof. dr. V. Svab, DrSc.).



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858520011-0"



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858520011-0"